

LOCOMOTIVE NO. **2297** ORDER NO. **6516** SPECIFICATION NO.
 BUILT FOR *Standard Lumber Co. Sonora Calif*
 ROAD NUMBER **3** NAME *Sugar Pine Railway*
 SHIPPED TO *Sonora, Calif*

PLAN NO. **2297**INDEX NO. **112****2297**

DUPLICATE OF NO.

DATE SHIPPED *Apr. 30, 1910*Gauge of Track **56 1/2"**Style of Locomotive **60 Ton Shay 2 truck**Gauge of Locomotive **55 3/4"**Kind of Rail **Steel**Cylinders **3-12 x 12**

Empty weight on Trucks—Front

No. 2

No. 3

Rear

Total empty weight *Loco not weighed Billed at 104,000 #*

REPAIR BOOK NO.	BOILER	DRAWING NO.	PATTERN NO.	STOCK NO.	REPAIR BOOK NO.	MACHINERY	DRAWING NO.	PATTERN NO.	STOCK NO.
	Built From Card No.	A.15749				Bottom Bracket	715521	7040	
	Size and Style					Bottom Bracket Cap	8717	7099	
	Working Pressure 200# Fuel Oil					Bracket Box Bearing—Lower	8703	5319	
	Cinder Pot Base	12973	7408			Bracket Box Bearing—Upper	"	5320	
	Cinder Pot Gate	4766	4028			Cylinders	"		
	Exhaust Extension	12849	6945	44-280		Cylinder Barrel	15942	7118	
	Exhaust Pipe					Cylinder Frame	15940	7041	
	Exhaust Nozzle	12849	6945	44-280		Cylinder Head	7201	3011	
	Exhaust Tip 3 1/4" - 3 3/8" - 3 1/2"	5222	5528			Cylinder Head Casing		L.M.13	
	Fire Door	12701	6171			Cylinder Crank Box Bearing—Lower	"		
	Fire Door Frame	3042	2935			Cylinder Crank Box Bearing—Upper	"		
	Fire Door Liner <i>Damper</i>	12701	6172			Cylinder Crank Box Cap.	"		
	Fire Box Length 72 1/2 Width 42 Height 66 1/2					Connecting Rod	8965	F-3769	
	Flues, No. 156 Size 2" Length 132" Gauge 109					Connecting Rod Strap	8955	F-3061	
	Grates—Rocker or Stationary—Finger or Plain	"				Crank Pin Brass (in Pairs)	8925	4321	
	Grates—Dump	"				Crank Shaft	4885	50	
	Grates—Dead or Cover Plate (Front)	"				Crank Counter Balances	"		
	Grates—Dead or Cover Plate (Rear)	"				Crosshead	7816	7025	
	Grates—Dead or Cover Plate (Sides)	"				Crosshead Pin	7812	F3101	
	Grate Frame—Right	"				Crosshead Shoe	7816	7027	
	Grate Frame—Center	"				Crosshead Guide R. Front and L. Back	7901	7117	
	Grate Frame—Left	"				Crosshead Guide L. Front and R. Back	7901	7117	
	Jacket <i>Pickled Steel</i>					Crosshead Pin Brass (in Pairs)	8927	7028	
	Lagging <i>Magnesia Block</i>					Eccentric No. 1 Cylinder	8415	7030	
	Petticoat Pipe	12982				Eccentric No. 3 Cylinder	"	7031	
	Stack <i>Taper</i>	12626	6326			Eccentric (Split) No. 2 Cylinder Top	"	7032	
	Stack Cone					Eccentric (Split) No. 2 Cylinder Bottom	"	7033	
	Stack Saddle	4157	5103			Eccentric Strap Top Half	8414	7034	
	Stack Ring	"				Eccentric Strap Bottom Half	"	7035	
	Stack Netting Mesh Gauge	"				Eccentric Blade R. Front and L. Back	8425		
	Smoke Box Front	3143	3108			Eccentric Blade L. Front and R. Back	"		
	Smoke Box Door	"	2B-83			Link Radius	41"		
	Smoke Box Netting Mesh 3 1/2 Gauge 12					Links <i>Cast Steel</i>	8116	7021	
	Smoke Box Cleaning Hole Flange and Lid	12908	A-76-77			Link Bushings	"		
	Steam Pipe Elbow		6605			Link Block	"		
	Steam Bracket	A15656	7593			Link Block Pin	8502	F3748	
	Steam Bracket Supplement					Link Hanger	5048		
	1" Soft Plugs	11432	6356			Link Hanger Bushings	"		
	Throttle Valve	5587	2593			Link or Eccentric Rod Rolts	8510		
	Throttle Valve Case	5298	4664			Piston Head			
	Washout Plugs	11417				Piston Packing Rings			
						2 1/16" Piston Rod No. 1 <i>std</i> No. 2 <i>std</i> No. 3 <i>std</i>	7507	F-4048	
						Piston Rod Key	7806	5584	
						Piston Rod Stuffing Box	7707	5284	
						Piston Rod Stuffing Box Gland	"	5285	
						Piston Rod Vibrating Cup	"	5286	
						Piston Rod Packing <i>Metallic</i>	7719	2	
						Piston Rod Packing Rings (Babbitt)	7418	7022	
						Steam Chest Cover	7401	7674	
						Steam Chest Cover Casing	7411	7023	
						Slide Valve	"	7025	
						Slide Valve Balance Plate	4488	6275	
						Slide Valve Balance Rings or Strips		773	
						Slide Valve Balance Springs	8215	7029	
						Tumbling Shaft Box	"	3824	
						Tumbling Shaft Cap	8316	02166	
						Universal Coupling Ball	18"		
						Universal Coupling Centers	7600	F3153	
						1 1/2" Valve Yoke	7712	5373	
						Valve Stem Stuffing Box	"	6374	
						Valve Stem Stuffing Box Nut or Gland			
						Valve Stem Packing <i>Metallic</i>	7719	7	
						Valve Stem Packing Rings Babbitt	7712	5287	
						Valve Stem Vibrating Cup	8006	7036	
						Valve Stem Crosshead	"	7037	
						Valve Stem Crosshead Guide			
						Valve Travel 4 3/4" - 20° Angular Advance			
						-FOR THIS LOCO-			
						USE REPAIR PLATES NO'S			
						2-4-5-8-11-12-14-18			

TANK

Built From Card No. **15195**
 Style *Leg*
 Cap. **2000** Gals. Water Tons Coal Cords Wood
 Size, Length **132** Width **98** Depth **48**
 Valves
 Valve Seats
 Coal Bunk Cap.

FUEL OIL TANK

Built From Card No. **Line 1** **15150**
 Cap. **1200** Gallons
 Size, Length Width Depth

REPAIR BOOK NO.	TRUCKS	DRAWING NO.	PATTERN NO.	STOCK NO.	REPAIR BOOK NO.	ACCESSORIES	DRAWING NO.	PATTERN NO.	STOCK NO.
	Axles	4202	6			Air Sanders			
	Bolster Channel—Top	10"-25" # 9516				Brake Lubricator	Ours and Leach Mich 100 type 165891		
	Bolster Channel—Bottom	9"-25" #				Brake—Air and Steam	Hand		
	Bolster End Casting—Right	4054	3801			Air Brake Material Ord. No.	301B		
	Bolster End Casting—Left	4055	3800			Air Pump No.	114025 - 9 1/2" W.A.B.		
	Bolster Springs	8" x 3 3/4" x 6" 34 x 5 1/2" x 6"				Steam Brake Cylinder	13520	6580	
	Brake Beams	9"-25	9852			Steam Brake Piston	13513	6583	
	Brake Beam Fulcrums		9801	3635		Steam Brake Piston Rings	3176 4488	6787 6276	
	Brake Heads	A9812	5514	20-22		Steam Brake Valve	#5		
	Brake Shoes	3060	2970	7"		Bell	100 #		
	Center Plate—Top	LIVE 1	5480	603		Bell Ringer			
	Center Plate—Bottom		3481	3258		Blow-off Valve	1/2"		
	Coupling Ring Whole F	14"	4836	4267		Cab	11191		
	Coupling Ring Half F		"	4268		Cab Lamp	Dayton		
	Coupling Ring Whole 2nd Truck		"			Check Valve	2" Durig		
	Coupling Ring Half 2nd Truck		"			Connecting Rod, Oil—Grease Cups	#25		
	Coupling Ring Whole 3rd Truck		"			Crosshead Guide, Oil—Grease Cups	#20		
	Coupling Ring Half 3rd Truck		"			Crosshead Pin Oil Cups	#4 Spring, top		
	Coupling Ring Whole Rear Truck	14	4836	4267		Crank No.	12205	Forg. No.	50 Truck, steel
	Coupling Ring Half Rear Truck		"	4268		Crank Test T.	S81000	Elong.	26 Red. Area 49.7
	Coupling Ring Bushings		"	2010		Cylinder Cocks		7515	
	Crank Coupling—Front End		9024	2279		Cylinder Lubricator	Detroit #21	1085898	
	Crank Coupling—Rear End		"	"		Draft Gear			
	End Separators		3578	3343		Drawhead—Front	372-A-5056	10448	7203 37-19
	Gear Rims—Plain—Lugged—Keyed		8800	"	74-62	Drawhead—Rear	10-20-23	"	"
	Gear Bolts	1 1/16" x 10 1/8"	3818			Drawhead—Automatic	4- 37-2	373A5003	D-126 37-26-25 37-14 373A5002
	Journal Bearings—Right		4201	2388		Drawhead Knuckles	4 37-4	372B5000	37-4
	Journal Bearings—Left		"	"		Fire Extinguisher			
	Line Shaft—Front	4 1/2" - 7 1/2" Collar 56" etc	9112			Gauge Cocks	3 - 3/4		
	Line Shaft—2nd		"			Hand Rail	1" pipe		
	Line Shaft—3rd		"			Headlight	two 1/6"		
	Line Shaft—Rear	4 1/2" - 7 1/2" Collar 56" etc	9112			Headlight Chimney	#90 Macbeth		
	L. S. Couplings—Front Shaft		9016	2279		Hose on Feed Pipe			
	L. S. Couplings—2nd Shaft Forward End		"			Injectors	two #8 Cin Monitor		
	L. S. Couplings—2nd Shaft Rear End		"			Injector Lubricator			
	L. S. Couplings—3rd Shaft Forward End		"			Link Pin Collars,	No. 1 1/32 No. 2 1/32 No. 3 1/32		
	L. S. Couplings—3rd Shaft Rear End		"			Log Buffer			
	L. S. Couplings—Rear Shaft		9016	2279		Oil Pipe to Cylinders No.	14-6 No. 26-2 No. 38-10 1/2" Copper		
	L. S. Bearings—Inner F. Truck		9214	5854		Pilot or Foot Board			
	L. S. Bearings—Outer F. Truck		"	5855		Piston Rod Packing Oil Cups	#22		
	L. S. Bearings—Inner 2nd Truck		"			Pop Valves	two 2 1/2" Kunkle		
	L. S. Bearings—Outer 2nd Truck		"			Sand Box—Front	Hand 9 air sander		
	L. S. Bearings—Inner 3rd Truck		"			Sand Box—Rear	air sander		
	L. S. Bearings—Outer 3rd Truck		"			Sand Pipe Hose	1/2" x 4'-0" for hand 1" x 48" for air		
	L. S. Bearings—Inner Rear Truck		9214	5854		Siphon	4" x 16 feet		
	L. S. Bearings—Outer Rear Truck		"	5855		Siphon Hose			
	Line Shaft Washers		9118	set 2		Snow Plow			
	Pinions	4 1/2" bore	8878L1	"	74-63	Snow Flanger			
	Pedestal Springs		"			Steam Gauge	5 1/2" Brass Ashcroft	103195	
	Sleeve Couplings—F		5492	5132		Steam Chest Relief Valve	154	2641	
	Sleeve Couplings—No. 2		"			Steam Heat Hose and Coupling			
	Sleeve Couplings—No. 3		"			Steam Heat Gauge			
	Sleeve Couplings—Rear		5492	5132		Steam Heat Reducing Valve			
	Square Shaft—Front	4 x 46"	9017	5901		Steam Pipe to Injectors	Copper 2" x 19 1/2" R-X20 1/4" L		
	Square Shaft—2nd		"			Steam Pipe to Lubricator	" 1" x 15"		
	Square Shaft—3rd		"			Steam Pipe to Steam Gauge	" 3/8" x 28"		
	Square Shaft—Rear	4 x 66 1/2"	9005	6403		Steam Pipe to Water Gauge	" 5/8" x 20"		
	Side Bearing Base		4058	3659		Steam Brake Drip Valve		201	7079
	Side Bearing Block		3164	3043		Steam Turret		11400	5269
	Spring Plate—Center		"			Track Water Sprinkler			
	Spring Plate—Ends		"			Valve Stem Packing Oil Cup	#22		
	Truck Box, F. Truck		4201	3768		Water Gauge	3/4" Clingle		
	Truck Box Cap., F. Truck		9218	5853		Water Gauge Lamp	5/8" x 18" Dayton		
	Truck Box, 2nd Truck		"			Water Gauge Glass	5" heavy		
	Truck Box Cap., 2nd Truck		"			Whistle			
	Truck Box, 3rd Truck		"						
	Truck Box Cap., 3rd Truck		"						
	Truck Box, Rear Truck		4201	3768					
	Truck Box Cap., Rear Truck		9218	5853					
	Truck Pedestal		4266	3775					
	Truck Pedestal Cap.		"	3994					
	Truck Pedestal, Inside Box	932A5096	8483	3257	73-36				
	Thrust Plate		3483	3260					
	Truck Column—Right		4269	3830					
	Truck Column—Left		4268	3831					
	Truck Arch Bars		4278						
	Truck Bottom Bars		"						
	Truck Top Bars		"						
	Tires Number	147	Section No.	6					
	Wheels	36"	Diam.	4-5 5/8"	Circum.	419934	7485		
	Face	5 5/8"	Flange	1 1/8"	Bore	5 5/8"			
					</				

REPAIRS

LOCOMOTIVE No. 2297

LOCOMOTIVE No. _____

BAKER-VAWTER CO., MANUFACTURERS, CHICAGO. NEW YORK

PATENTED APRIL 11, 1899.